IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Original): An aqueous dispersion of a reactive size which comprises a cationic polymer comprising vinylamine units as a protective colloid, wherein the protective colloid comprises less than 0.0001% by weight, based on the protective colloid, of diketenes.

Claim 2 (Original): The aqueous dispersion according to claim 1, wherein the protective colloid is substantially free of diketenes.

Claim 3 (Currently Amended): The aqueous dispersion according to claim 1 ~~or 2~~, which comprises less than 1% by weight, based on the aqueous dispersion, of a cationic starch.

Claim 4 (Original): The aqueous dispersion according to claim 3, which is substantially free of cationic starch.

Claim 5(Currently Amended): The aqueous dispersion according to ~~any of claims of~~ claim 1 ~~to 4~~, wherein the cationic polymer comprising vinylamine units comprises from 1 to 100 mol% of hydrolyzed homo- or copolymers of N-vinylformamide.

Claim 6 (Currently Amended): The aqueous dispersion according to ~~any of claims of~~ claim 1 ~~to 5~~, wherein the cationic polymer comprising vinylamine units has an average molecular weight Mw of from 1000 to 2 million.

Claim 7 (Currently Amended): The aqueous dispersion according to ~~any of claims of~~ claim 1 ~~to 6~~, wherein the content of protective colloid is from 10 to 100% by weight, based on the reactive size.

Claim 8 (Currently Amended): The aqueous dispersion according to ~~any of claims of~~ claim 1 ~~to 7~~, wherein C_{12}- to C_{22}-alkylketene dimers, C_5- to C_{22}-alkyl- or C_5- to C_{22}-alkenylsuccinic anhydrides and/or C_{12}- to C_{36}-alkyl isocyanates are used as reactive sizes.

Claim 9 (Original): The aqueous dispersion according to claim 8, wherein the content of reactive size is from 1 to 50% by weight, based on the total weight of the dispersion.

Claim 10 (Currently Amended): A process for the preparation of an aqueous dispersion according to ~~any of claims~~ claim 1 ~~to 9~~, ~~wherein~~ comprising homogenizing the reactive size and the cationic polymer comprising vinylamine units ~~are homogenized~~ in an aqueous mixture in the presence of an anionic dispersant at from 20 to 100°C under the action of shear forces.

Claim 11 (Currently Amended): A process for ~~the~~ engine sizing ~~of~~ paper, board and cardboard ~~by~~ comprising adding an aqueous dispersion ~~according to any of claims~~ of claim 1 to an aqueous slurry of cellulose fibers and draining the paper stock.

Claim 12 (Currently Amended): ~~The use of~~ A method of using an aqueous dispersion according to ~~any of claims~~ claim 1 ~~to 9~~ as an engine size in the production of paper, board, cardboard and liquid packaging cardboard.